

## **Historic, Archive Document**

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6.27

VEGETABLE

SEED TRIALS

HORTICULTURE

JAN 31 1932

## Fall 1932

Postpaid at prices named.

First quality only.

Six sold at dozen rates.

Fifty at hundred rates.

FALL BULB LIST  
DES MOINES SEED COMPANY

1/1

TELEPHONE 3-4408

818 WALNUT STREET

DES MOINES, IOWA

**Lower Prices** On Tulips and Hyacinths. Cheaper than last year, while other bulbs are at usual values. You will find by comparison our prices are lower than other houses for equal quality.

**Order Now** Bulbs generally arrive by September 15th. Send your orders now and pay for them when delivered. We cannot guarantee prices beyond our contracts and orders after September 15th will be received subject to stock unsold.

## DIRECTIONS FOR PLANTING TULIPS

The soil for the tulip bed should be strong and rich, with sand sufficient to make it pliable. If the subsoil is clay or extra heavy it is best to take out the soil to a depth of eight inches and new soil should be made. The early varieties for massing or beds should be planted about 5 inches apart. The larger Darwins should be planted about 6 inches apart in beds. Among the shrubbery or in borders they can be placed as desired. Set them at least 5 inches under the surface and after the ground freezes cover them with several inches of leaves or litter, allow to remain till all frost is out of the ground in spring. It is not necessary that the tulip be protected but the covering helps to slower growth and our experience is that tulips bloom best and grow tallest and most robust when they grow slowly. Tulips can be grown in pots in the house, allowing a 4-inch pot for a single bulb or four bulbs may be planted in a 7-inch pan. In growing them indoors they should be kept in a cool, dark place for three months after planting, so that they may gain full root growth before top growth begins. A cave or root cellar which is kept at low temperature is best for this purpose, and only a limited amount of water (just enough to keep the earth moist) should be given them until they are brought to the living rooms for blooming, after which time plenty of water and as much sun as possible should be given. If the flower begins to bloom prematurely, or before the stem is grown, place a paper cone over the bulb, leaving a hole about 2 inches in diameter at top of cone. This will tend to draw the flower up to the light and thus lengthen the stem.

Many planters use Snowdrops, Scillas or Crocus to plant between the Tulips in fall-planted beds, so that they may have earlier flowers than furnished by the Tulips and a longer display of blossoms in one bed. It is suggested also that early and late flowering Tulips planted alternately in a bed will furnish Tulips in bloom for fully thirty days in spring. Others set pansy plants between the Tulip bulbs and after frost cover the beds so that the pansies survive and come into bloom in spring just as the Tulips are fading away.

## VIGORO

A specially prepared plant food for lawns and gardens. 25 lbs., \$1.75; 50 lbs., \$3; 100 lbs., \$5.

## SINGLE EARLY TULIPS Per Doz. Per 100

Artus, Scarlet	.50	\$4.00
Cramoisle Brilliant, Crimson	.50	4.00
Dusart, Blood Red	.60	4.50
Prince of Austria, Vermillion	.65	4.75
LaReine, White and Rose	.50	4.00
Rose Gris de Lin, Pink	.60	4.50
Prosperity, Deep Pink	.60	4.50
Yellow Prince, Yellow	.70	5.50
Duc de Berlin, Scarlet, Yellow Tip	.65	4.75

## DOUBLE EARLY TULIPS

Imperator Rubrorum (Red)	.70	5.50
Couronne D'Or (Yellow)	.70	5.50
Murillo (Blush Pink)	.50	4.00
Tournesol (Red and Yellow)	.60	6.00

## TULIP MIXTURES

Single Early, First Quality	.40	3.60
Double Early, First Quality	.50	4.00
Darwins, First Quality	.40	3.75
Parrots, First Quality	.50	4.00
Breeders, First Quality	.60	4.50
Cottage, Mixed	.50	4.00
Bizarre's Mixed	.75	6.00
Byblooms Mixed	.75	6.00

## DARWIN TULIPS

	Per Doz.	Per 100
Baron de la Tonnaye, Bright Pink	\$.60	\$4.00
Bartigone, Bright Red	.60	4.50
Clara Butt, Soft Salmon Pink	.50	4.00
Dream, Soft Lilac	.60	4.50
Farncombe Sanders, Scarlet	.60	4.50
Faust, Dark Maroon	.75	6.50
Glow, Brilliant Red	.65	5.00
Grenadier, (Cottage) Bright Orange	.65	5.00
Harry Veitch, Bright Red	.65	5.00
Inglescombe, Yellow (Cottage)	.60	4.25
La Candeour, White	.60	4.50
La Tulipe Noire, Black	.65	5.00
Madame Krelage, Soft Rose	.60	4.25
Mrs. Moon (Cottage) Yellow	.75	5.50
Mrs. Potter Palmer, Reddish Purple	.75	5.50
Philip de Commines, Dark Violet	.65	5.00
Picotee (Cottage) Pink and White	.60	4.50
Pride of Harlem, Carmine	.60	4.50
Painted Lady, Light Heliotrope	.60	4.50
Rev. Eubank, Heliotrope	.60	4.50
Sultana, very nearly Black	.60	4.50
Wm. Copeland, Rosy Lilac	.60	4.50
Wm. Pitt, Dark Scarlet	.60	4.50

## BREEDER TULIPS

Bronze Queen, Golden Bronze	.60	4.50
Golden Bronze, Bronze	.75	6.00
Cardinal Manning, Wine Red	.60	4.50
Violet Queen, Violet Red	.75	6.00
Superba, Black	.70	5.25
Panorama, Bronzy Brown	.60	4.50
Jeanne d' Oeufs, Orange	.65	5.00
Medea, Salmon Pink	.70	5.50
Louis XIV, Purple, Gold Border	.65	5.00

IF YOU WANT LARGE QUANTITIES OF BULBS WRITE FOR SPECIAL QUOTATION.

# HYACINTHS

Your choice, \$1.00 per dozen.

**FOR INDOOR PLANTING.—In Glasses.**—Fill glass with pure, soft water until the water touches bottom of the bulb, drop in a piece of charcoal to keep water from fouling, and place glass in a cool, dark place until the roots nearly fill the glass. Change the water if necessary to keep it pure. When fully established bring to light and sunshine.

**IN POTS.**—Use compost of sand, well-rotted cow manure and garden mould in equal parts. Plant one bulb in a four-inch pot. Set in cool, dark place about four weeks then bring to light and sunshine.

#### FOR OUTDOOR PLANTING.

ING.—Make beds a foot in depth, of compost outlined above, raised slightly above the surrounding surface for drainage. Plant bulbs six inches apart and when ground freezes cover with a few inches of leaves or coarse manure.

Gertrude, Bright Pink.....	\$ .10
La Victorie, Bright Red...	.10
Queen of Pinks, Pink.....	.10
La Grandesse, Blush.....	.10
La Innocence, White.....	.10
Lord Balfour, Lavender....	.10
Grand Maitre, Lilac.....	.10
King of Blue, Dark Blue..	.10
Queen of Blues, Light Blue	.10
Yellow Hammer, Canary...	.10
King of Yellow, Golden....	.10

#### RAINBOW HYACINTH COLLECTION

PRICE, \$1.00.

Seven varieties, each a different shade of color ranging from pure white to deep blue. Bulbs are extra large and first class. May be used for either indoor or outdoor planting.  
 L'Innocence, pure white.  
 L'Grandesse, bluish pink.  
 Queen of Pinks, bright pink.  
 Gertrude, bright red.  
 Yellow Hammer, canary.  
 Queen of Blues, sky blue.  
 King of Blues, deep blue.

#### AMARYLLIS

For indoor blooming only.

**JOHNSONI.**—Bright red flower, large and showy. Each, 50c.

**QUESTRE.**—Orange scarlet flower. Each, 30.

**NEW HYBRIDS.**—Selected for great size and striking colors of the flowers, each blossom showing variegation. Each, 60 cents.

#### HARDY CROCUS

Mixed Striped and Variegated.....	\$ .40	\$ 3.00
Mixed Blue and Purple.....	.40	3.00
Large White .....	.40	3.00
Large Yellow .....	.40	3.00
Mixed, All Colors.....	.40	2.40

#### GRAPE HYACINTHS

The Grape Hyacinth or Muscari grows about six inches high with dainty blossom heads resembling an inverted bunch of grapes. In two colors, blue or white. Doz., 40c; 100 for \$3.00.

**SCILLA SIBERICA.**—Blue flowers. Doz., 50c; 100 for \$4.00.

**SNOWDROPS.**—Dainty white flowers. Doz., 40c; 100 for \$3.50.

#### FREEZIA

For indoor blooming only. Not hardy.		
Gen. Pershing, Pink and Yellow.....	\$ .60	\$ 4.00
Splendens, Delicate Blue.....	.40	3.00
Olivette, Red, Yellow Throat.....	.60	4.00
Yellow Prince, Bright Yellow.....	.60	4.00
Rainbow, All Colors Mixed.....	.60	4.00
Purity, White .....	.35	2.75



PAPER WHITE GRANDIFLORA NARCISSUS

#### PAPER WHITE NARCISSUS

These are not for outdoor planting but are very popular for blooming in bowls of water and pebbles. Flower in about four weeks from setting. First quality bulbs only. Each, 6c; dozen, 60c.

#### HARDY NARCISSUS

Each Doz.

Von Sion, Double Daffodil.	\$ .15	\$ 1.50
Golden Spur, Single Daffodil .....	.10	.75
Victoria, White and Yellow .....	.10	1.00
Emperor, Large Yellow .....	.10	1.00
Empress, Yellow and White .....	.10	1.00
King Alfred, Large Yellow .....	.15	1.50
Sir Watkin, Yellow and Orange .....	.10	1.00

#### OTHER NARCISSUS

##### Types of Poeticus, Barri and Poetaz varieties.

Barri Conspicuous, Poeticus Récurvus, Alba Plena Odorata, Laureus Koster, Lucifer, any of the above, each, 8c; dozen, 80c.

#### ANEMONES

In this climate require winter protection or sheltered situation.

**ST. BRIGID MIXED.**—One year bulbs to bloom next summer. Dozen, \$1.00.



VON SION  
NARCISSUS



**DOUBLE TIGER LILY.**—A double form of the old Tiger Lily. Orange red, spotted black. Each, 35c.

**CALLA LILIES**

For indoor blooming	Each	Doz.
Calla, Mammoth White .....	\$.30	\$3.00
Calla, Elliottiana, Yellow .....	.30	3.00

**HARDY PHLOX**

Each, 25c; Dozen, \$2.50

**BARON VON DEDEM.**—Cherry red.

**BRIDESMAID.**—White, large

crimson center.

**ISABEY.**—Salmon pink.

**LORD RALEIGH.**—Deep purple, dwarf.

**MRS. JENKINS.**—large pure white.

**MICHAEL BUCHNER.**—Pale lavender, strong grower.

**RICHARD WALLACE.**—White with violet rose center.

**RIJNSTROM.**—Lovely rose pink.

**R. P. STRUTHERS.**—Rosy red

with dark red eye.

**SIEBOLD.**—Orange scarlet with red eye.

**SIR EDW. LANDSEER.**—Bright crimson.

**THOR.**—Deep salmon pink with scarlet glow.

**HARDY PHLOX**



Large clumps white or pink hardy phlox, \$1.00 each.

# HARDY LILIES

Nothing can surpass the lily in beauty, purity, delicacy and stately, magnificent grandeur. Need not be disturbed from year to year. Bloom better the second year and thereafter.

**MADONNA LILY.**—(*Lilium Candidum*).—Pure white garden lily, planted in September for blooming next summer. Dig a hole 8 inches deep, put in 3 inches coarse gravel, cover gravel with 2 inches good soil, place the bulb and fill in with soil. Medium size ea., 25c; doz., \$2.50. Extra large, ea., 30c; doz., \$3.00.

**REGAL LILY.**—A hardy lily from China now grown by nurserymen throughout the United States. A beautiful white flower with pink throat. A satisfactory sort. Each (large size) 25 cents; doz., \$2.50.

**UMBELLATUM.**—Blooms in June. Free flowering with clusters of large, orange red flowers on tall stems. Striking and beautiful. Each, 25c; doz., \$2.50.

**AURATUM.**—(Japanese Gold-Banded Lily).—"The Queen of Lilies." Large white petals thickly spotted with crimson, and a bright golden yellow band through the center of each. Each, 50c.

**SPECIOSUM RUBRUM.**—Height from 2 to 4 feet. Blooms in August. Flowers are white, a crimson band with deeper colored spots on each petal. Each 50c.

**SPECIOSUM ALBUM.**—Pure white lily of Japanese type, blooming in July. Each, 50c.

**TIGRINUM SPLENDENS.**—An improved Tiger Lily growing sometimes 6 feet high, red flowers spotted with black. Each, 30c.



## HARDY HERBACEOUS PLANTS

**AQUILEGIA**—(*Columbine*).—Deservedly popular blooming in early spring and throughout the summer. Hybrid strain. Plants each, 30c; 3 for 75c.

**CANTERBURY BELLS.**—Wonderfully beautiful, often three feet tall, with spikes of lovely bell flowers. A popular flower. Plants, each, 30c; 3 for 75c.

**COREOPSIS**—(*Lanceolata*).—One of the most showy perennials. Flowers bright golden yellow. will grow anywhere. Plants, each, 25c; 3 for 60c.

**GAILLARDIA**—(*Grandiflora*).—A splendid perennial. Blossoms have dark crimson center with petals of yellow shades. Plants, each, 25c; 3 for 60c.

**GOLDEN GLOW**—(*Rudbeckia Laciniata*).—A well known popular perennial. Six to seven feet with dahlia like yellow flowers. Plants, each, 25c; 3 for 60c.

**PYRETHRUM**—(*Painted Daisy*).—Large, daisy-like flowers on strong stems. Shades of yellow, pink and red. Plants, each, 25c; 3 for 60c.

**SHASTA DAISY.**—Well known white daisy, very popular. Grows stronger and blooms better each succeeding season. Plants, each, 25c; 3 for 60c.

**SWEET WILLIAM.**—Striking and brilliant colors; free blooming and make a splendid perennial bed. Plants, each, 25c; 3 for 60c.



# PEONIES

## WHITE PEONIES

**FESTIVA MAXIMA.**—By far the finest double white peony grown. The flower is of immense size, perfectly globular. Appears extremely double. Color purest snow white with carmine marks in center. Early. Each, 50c; doz., \$5.00.

**COURONNE D'OR.**—Peculiar in form, as the blooms are rather flat, but in the center is a touch of white, with a few crimson splashes like Festiva Maxima. Medium height, rather later than other white sorts. Vigorous. Each, 50c.

**MME. DE VERNEVILLE.**—Very double and compact; color purest white, petals lightly spotted with red. A half dozen make a magnificent bed. Early. Each, 50c; doz., \$5.00.

**LA ROSERIE.**—Lovely white flowers with yellow stamens. Early midseason. Prolific, bearing flowers in clusters. Each, 50c; doz., \$5.00.

**GRANDIFLORA.**—Uniform rose white or shell pink. Large flowers, free blooming and very late. Each, 50c; doz., \$5.00.

## PINK AND ROSE PEONIES

**LA ESPERANCE.**—This is a very large, full flower of light pink. Popular because of its strong growth. Early. Each, 50c; doz., \$5.00.

**DUCHESSE D'ORLEANS.**—Medium large compact flower. Guards are deep pink, center shaded salmon, with silvery reflex. Fragrant. Extra strong. Each, 50c; doz., \$5.00.

**JEANNE D'ARC.**—One of the finest in the entire list. Flowers extra large and very double; exceedingly prolific; color soft, delicate blush pink. Each, 60c; doz., \$6.00.

**MEISSONIER.**—Color of the American Beauty Rose. An especially choice sort. Foliage rich, glossy green. Flower is of large size, perfectly double. Each, 50c.

## BRIGHT AND DARK RED PEONIES

**RACHEL.**—Has extra large balls of crimson, magnificent flowers. One of the best reds, because of bright shining color. Each, 60c; doz., \$6.00.

**EDWARD ANDRE.**—Deep purplish crimson, shining and satiny. Flower semidouble, rich and striking; early. Splendid sort for contrast. Midseason. Each, 60c; doz., \$6.00.

**FELIX CROUSSE.**—Double flower of bright red, no division of outer petals and center. Late mid-season. Each, 75c; doz., \$7.00.

**VICTOR HUGO.**—Enormous round blooms with extra large petals. Rich clear red color. Very fragrant. Late. Each, 50c; doz., \$5.00.

## FRENCH IRIS

The true "Fleur-de-Lis," the national flower of France. Perfectly hardy, thrive anywhere, grow and bloom luxuriantly. We price them at 15 cents each or \$1.50 per dozen, except as noted.

**ALCAZAR.**—Standards light violet, falls brilliant purple. Height 36 inches.

**CAPRICE.**—Standards rosy red, with falls of same color, but deeper shade. Height 30 inches.

**ELDORADO.**—Standards light lavender, falls dark purple lined with bright golden yellow.

**JUNIATA.**—Clear deep blue throughout, a lovely tall growing flower. Height 40 inches.

**LOHENGREN.**—Uniform shade of lilac-rose. Strong grower and free bloomer. Height 30 in.

**MADAM CHEREAU.**—Standards and falls pure white, with a border laced and frilled light blue.

**PERFECTION.**—Standards blue. Falls dark velvety purple with a black reflex. Remarkable.

**PRINCESS VICTORIA LOUISE.**—Standards pure sulphur yellow. Falls deep rich plum, bordered with a cream colored margin.

**QUAKER LADY.**—Standards smoky lavender; falls blue, suffused old gold and lavender.

**QUEEN OF MAY.**—Both standards and falls soft pink. Tall stems. Very beautiful.

**RHEIN NIXE.**—Standards pure white; falls violet purple, margined white. Tall and stately.

**VELVETINA.**—Standards bright light blue; falls deep purple, shaded yellow at base.

## TRICOLOR PEONY BARGAIN

One white, one pink, and one red, our choice of varieties, but good plants and will produce good flowers. A real bargain. **THREE DIFFERENT COLORS, POSTPAID, ONLY \$1.00.**



FRENCH IRIS

## SUCCESSION IRIS BED

One plant each of 12 named sorts of French Iris, giving a contrast of color, postpaid for \$1.50.

GIVE YOUR ORDERS EARLY. GET THE STOCK PLANTED IN SEPTEMBER IF POSSIBLE

# CANARIES

Live birds can only be shipped by express, customer to pay cost of transportation.

The Canary is by far the most popular of feathered pets. They thrive and multiply under confinement, and repay good care with cheerful and continuous song. Buy your bird by personal selection if possible, but you can trust us with your order by mail, as we will make most careful selections if you cannot visit our store.

Absolute cleanliness is essential in the care of your bird. Clean the cage each morning and scald the entire equipment in hot water every few days. Feed only seed that is clean, avoiding anything that carries dust and mold. A leaf of lettuce or piece of apple may be given once a week with beneficial results. A piece of cuttle bone should be in the cage at all times and grit should be supplied to help the bird grind its seed. White sand should be sprinkled on the floor of the cage to aid in cleanliness. The simple directions if followed carefully will reduce sickness and loss to the minimum.

**ST. ANDREAS ROLLER CANARIES.**—The name given these indicates a bird imported from Germany, which has been highly trained to sing in low tones. They are wonderful songsters with flute notes and trills. They are an ideal bird where soft music is desired. They are the highest type canaries and their training increases their value. Prices range from \$6.00 to \$10 each. Splendid singers can be purchased for \$8.00.

**HARTZ MOUNTAIN CANARIES.**—They have the natural song, but are selected for range and variety. Owing to care in raising and selection these are far superior to ordinary Hartz Mountain birds. Prices range, \$4.00 to \$6.00 each.

**FEMALE CANARIES.**—**St. Andrewsburg Roller** females, dark, each \$2.50; mottled, each \$3.00; all yellow, each, \$3.00.

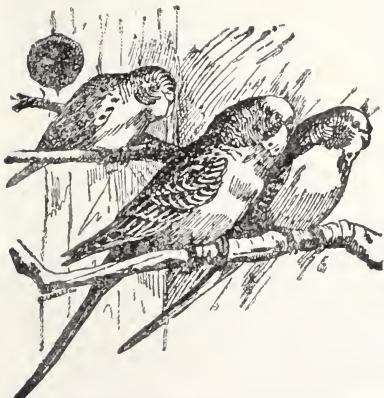
**Hartz Mountain**—Females, dark, each, \$1.00; mottled, each \$1.25; yellow, each, \$1.50.

**AUSTRALIAN SHELL PAROQUETS or Love Birds.**—Beautiful small birds about the size of canaries, with fine form, and lovely markings, beautiful feathered pets. Dark mottled green and yellow or light mottled with only light green dots. Per pair, either type, \$5.00.

**BLUE LOVE BIRDS.**—These are more beautiful than either the yellow or green varieties. They are rare, but are most desirable, because of real beauty. Per pair, \$7.

#### SUPERLATIVE SONG SEED

An improved health food for birds. Keeps them in good song and plumage. One of the best conditioners on the market. 2½ oz. pkg., 15c; 2 for 25c. 1 lb. box, 65c, postpaid.



HARTZ MOUNTAIN CANARY

#### PACKAGE GOODS

Burnett's Polly Nut Mixture	20c
Spratt's Song Restorer	30c
Superlative Tonic Tablets	25c
Superlative Diarrhea Tablets	25c
Pulvex, superior Louse powder	50c
Louse powder in bellows	30c
Louse powder in shaker cans	25c
Burnett's Bird Tonic (Liquid)	20c
Spratt's Bird Tonic (Liquid)	25c
Philadelphia Bird Bitters	25c
Burnett's Bird Wash	25c
West's Bird Tonic (Liquid)	25c
West's Special Mating Food	50c
Spratt's Sing Song	15c
Burnett's Bird Pep	15c
West's Health Bells	15c
French's Bird Biscuit	10c
French's Bird Gravel	15c
Superlative Song Seed	15c
French's Song Restorer	15c
French's Bird Tonic	30c
Cuttle bone and holder	10c
Cuttle bone only, each	5c
Bird Nip	15c
Bird Pie	15c
Bird Balm, for bald spots	15c
Bird Salve, for sore feet	15c
Superlative Mixed Bird Seed (15 oz.)	\$0.20
Superlative Crystal Grit (½ lbs.) (2 for 25c)	.15
Superlative White Sand (2 lbs.) (2 for 25c)	.15
Geisler's Bird Seed (about 14 ounces)	.25
French's Bird Seed (about 10 ounces)	.15
Spratt's Nestling Food, (C. L. O.) (about 6 oz.)	.15
Burnett's Nestling Food (with egg) (about 5 oz.)	.20
Philadelphia Nestling Food (about 8 ounces)	.25
Magic Song Restorer (about 5 ounces)	.30
West's Egg Bread (about 8 ounces)	.20
West's Moulting Food (about 5 ounces)	.25
West's Song Restorer (about 5 ounces)	.25
West's Bird Charcoal (about 4 ounces)	.15
Small Red Peppers (small box) (about 1 ounce)	.10
West's Grit and Charcoal (about 1½ lbs.)	.15
Bird Manna (about 3 ounces)	.15

#### BIRD SEED

Postage to Iowa points is 7 cents per lb.; 10 cents for 3 lbs.; and one cent for each additional pound. Add postage to prices named below if to go by mail.

Superlative Mixed Bird Seed	1 lb., 20c; 3 lbs., 50c
German Rape Seed	1 lb., 20c; 3 lbs., 50c
Canary, (best grade)	1 lb., 20c; 3 lbs., 50c
Hemp, large plump seed	1 lb., 15c; 3 lbs., 40c
Millet, for finches and love birds	1 lb., 15c; 3 lbs., 40c
Special love bird mixture	1 lb., 20c; 3 lbs., 50c
Sunflower, parrots and wild birds	1 lb., 15c; 3 lbs., 40c
Mixed parrot seed	1 lb., 15c; 3 lbs., 40c
Maw or Blue Poppy	Pkg., 10c; 1 lb., 50c
Inga seed	Pkg., 10c; 1 lb., 60c
Broken cuttle bone (small pieces)	1 lb., 40c

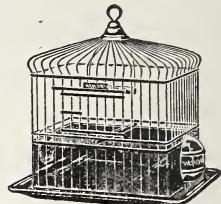
# CANARY CAGES

## ROUND BRASS CAGE

Round cages are always popular. They give the bird the most possible room for the size of cage. Hendryx cages are always good.  
 No. 274—Body 10  $\frac{1}{4}$  in. diameter..... \$3.00  
 No. 275—Body 11 in. diameter..... 4.00  
 No. 276—Body 11  $\frac{1}{4}$  in. diameter..... 4.75

## SQUARE BRASS CAGE

With extended base, draw pan and brass wire guard.  
 No. 604—9  $\frac{1}{2}$  x 6  $\frac{1}{2}$  x 14  $\frac{1}{2}$  inches..... \$6.50  
 No. 606—10  $\frac{1}{2}$  x 7 x 14  $\frac{1}{2}$  inches..... 7.50  
 No. 608—10  $\frac{3}{4}$  x 7  $\frac{3}{4}$  x 15  $\frac{1}{2}$  inches..... 8.50



## ROUND BRASS CAGE

### BRASS CAGES WITH COLOR TRIM

No. 2274TT—10  $\frac{1}{4}$  in. diam.; 13 in. high, green, \$2.50.

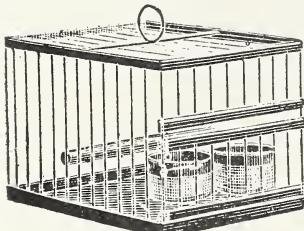
No. 2275TT—11 in. diam.; 13  $\frac{1}{4}$  in. high, red, \$4.50.

No. 2276TT—11  $\frac{1}{4}$  in. diam.; 14  $\frac{1}{4}$  in. high, blue, \$5.00.

No. 57 two-tone stand for above cages, \$2.50.

### INTERNATIONAL CAGE AND STAND

Pattern shown in illustration at the right. Can supply in green, red or blue with stand to match. Complete outfit only \$4.50.



### TRAVELING CAGE

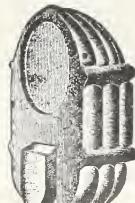
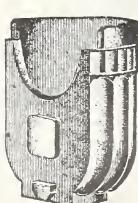
### TRAVELING CAGE

It is quite often necessary to take a canary along when going on a trip either by auto or train. For this purpose we offer the travelling cage as shown herewith. Size 7  $\frac{1}{4}$  x 5  $\frac{1}{2}$  in. Height 5  $\frac{1}{2}$  in. Price, \$1.75.

### PARROT CAGES

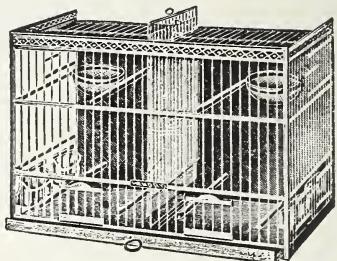
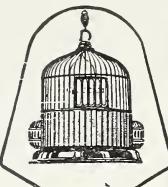
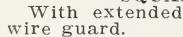
Everyone who has a parrot should have a good cage. Our cages are thoroughly well made, the wires being large and well tinned. The round cages are the most popular on account of their cheapness.

13 in. diameter... \$ 6.00  
 14  $\frac{1}{2}$  in. diameter... 7.00  
 16 in. diameter... 8.50  
 18 in. diameter... 10.50



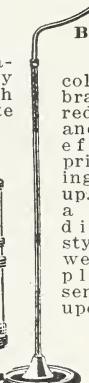
TULIP CUP

SHELL CUP



### BIRD CAGE STANDS

In various colors such as brass, green, red or blue, and two-tone effects at prices ranging from \$2 up. There are a number of different styles and we will be pleased to send details upon request.



**BIRD NESTS.**—Made of closely woven wire. Handier and more sanitary than home-made. Last several seasons. Each, 15c; 2 for 25c.

**BIRD NESTING.**—Prepared especially for birds to use in building their nests. Per package, 10c; 3 for 25c.

**TOY BELLS.**—Hang one in your bird's cage and you will be surprised at the amount of entertainment he gets out of it. Each, 10c.

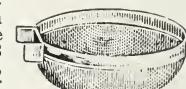
**SPECIAL FOOD CUPS.**—Very handy to use both for feeding Song Seed and other treats such as hard-boiled egg, or a few hemp seeds. Used by placing between wires near end of perch. Price, 5c each.

**BIRD CAGE HOOKS.**—Handy way of hanging cage to window casing. Will swing around so that bird may be turned either toward window or in opposite direction. Screws furnished with hook. Price, 10 inch, 25c; 12 inch, 30c each. Shipping weight, about 8 oz.

**BATH DISHES.**—Every canary should have a bath dish. Small size for ordinary canary 15c each. Large size for Norwich, Yorkshire or other large birds, 20c each. Add postage for 8 ounces.

**BIRD CUPS.**—We can match almost any kind of bird cups. Bring in your broken cups for sample. Prices of cups vary from 10c to 35c each. The tulip and shell cups illustrated at left come in either opal or clear glass and sell at 15c each; 2 for 25c. Shipping weight 8 ounces per pair.

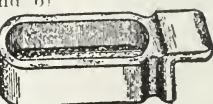
**WOOD PERCHES and SWINGS.**—In various sizes for any cage. State length and type wanted. Perches each 10c; swings 15c and 20c each. Uncut 3 foot perch wood per foot, 5c.



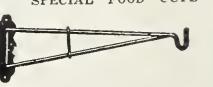
### WIRE NEST



TOY BELLS



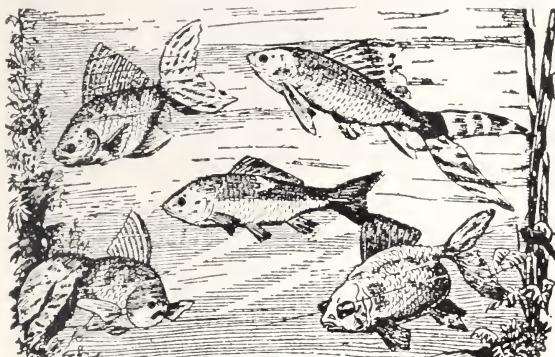
SPECIAL FOOD CUPS



BIRD CAGE HOOK



CANARY BATH DISH



JAPANESE FANTAIL

COMMON GOLDFISH

COMET  
TELESCOPE

Of all house pets, fish are the least trouble and expense. They require very little attention, yet interest young and old. The aquarium is not only a source of pleasure, but is also beneficial, absorbing impurities and moistening the air of the room.

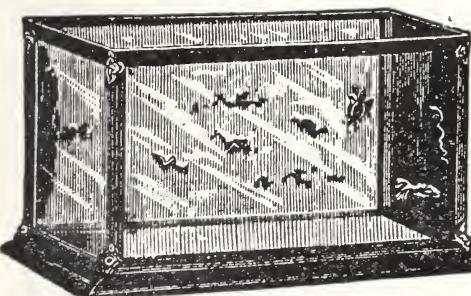
**SHIPPING BUCKETS.**—When ordering fish to be shipped out of Des Moines, it will be necessary to allow 20c for a shipping bucket, for any number from one to six. For a large number allow 30c for bucket.

## GOLD FISH GLOBES

We have styles and sizes of globes not shown here. Write for details.

In selecting a fish globe or aquarium get one large enough to allow at least two quarts of water for each small gold fish and it would be better if each fish could have three quarts or one gallon. That is, a two-gallon globe should not have more than three fish for best results. Successfully kept in smaller globes but require more attention.

Fill the globe nearly full of ordinary drinking water, cover the bottom of the globe with Superlative Crystal Grit or Superlative White Sand, supply a few stems of aquaria moss, place globe in a cool light place and you should have little trouble in keeping your fish in good condition. Feed the regular fish food only and not oftener than once a day, feeding only as much as the fish will eat at time of feeding.



### AQUARIUM SUPPLIES

Fish Food Wafer, box.....	10c
Fish Food Natural, box.....	15c
Fish Food Japanese, box.....	15c
French's Fish Food.....	15c
Ant Eggs, box.....	20c
Tropical Fish Food.....	20c
Aquarium Cement, can.....	35c
Superlative Crystal Grit, box.....	15c
Superlative White Sand, box.....	15c
Pearl Chips, colored, box.....	10c

### FISH GLOBE STANDS

The fish globe stand is a very desirable item as it prevents injury to fine furniture through sweating of the globe, and adds to the beauty of the outfit. Stand with 12 inch globe, \$1.50. Stand only, 50c.



GLOBE ON STAND

## GOLD FISH

### PRICE LIST OF GOLDFISH

Common Goldfish—	
Small, each .....	10c
Medium, each .....	15c
Large, each .....	25c
Extra Large for pools.....	50c-\$1

### JAPANESE COMETS—

Small, each .....	25c
Medium, each .....	35c
Large, each .....	50c

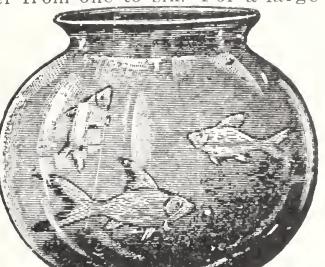
### JAPANESE FANTAILS—

Small, each .....	35c
Medium, each .....	50c
Large, each .....	\$1.00

### SHUBUNKINS—

Small, each .....	30c
Large, each .....	70c

**GUPPYH.**—Very small lively fish. The females give birth to living fish instead of spawn. Interesting and will multiply in bowls. Sold in pairs for 50c per pair.



GLASS FISH GLOBE

### GLOBE SHAPE

6 1/2 inches—	2 quart.....	\$0.35
8 inches—	4 quart.....	.50
10 1/4 inches—	8 quart.....	1.00
12 inches—	12 quart.....	2.00

### SQUAT SHAPE

7 1/2 inches—	2 quart.....	\$0.35
9 inches—	4 quart.....	.50
12 inches—	8 quart.....	1.00
13 1/2 inches—	12 quart.....	2.00

### AQUARIUMS

This aquarium is neat, durable and practical. Made with steel frame, enameled in green and has heavy slate bottom. A high grade aquarium at a moderate price.	Price			
No. Long	Wide	High	Gals.	
30	12 1/2 in.	7 in.	10 in.	3.....\$ 4.00
31	16 1/2 in.	9 in.	11 in.	6..... 5.00
32	18 1/2 in.	11 in.	12 in.	9..... 6.00
33	20 1/2 in.	13 in.	13 in.	12..... 8.00
34	22 1/2 in.	13 in.	14 in.	15..... 10.00

**WATER PLANTS.**—Moss and plants growing in the aquarium throw off oxygen and it is this oxygen that the fish require to sustain life. They also supply the fish with a certain amount of green food and add much to the beauty of the aquarium.

### Aquarium Ornaments

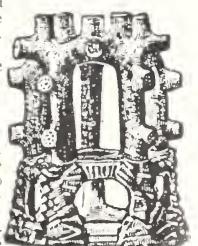
Small, each.....	15c
Medium, each.....	25c
Large, each.....	35c to \$1

### FISH MOSS (Cabomba)

—The most popular plant for aquariums and globes. It furnishes food for the fish and continues to grow fine feathery foliage. Per bunch, 15c.

### SMALL SHELLS.—

These are small sea shells to adorn the fish globe or aquarium. Box, 15c.



AQUARIA CASTLE

